



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CINCINNATI PROCUREMENT OPERATIONS DIVISION
CINCINNATI, OHIO 45268

SUBJECT: Request for Task Order Proposal, Tracking Number PR-R2-18-00465

FROM: Angela Lower
Contracting Officer

TO: Cadmus Group Inc

Attached is request for task order proposal for the subject tracking number which is issued on a sole source basis under FAR 16.505 (b)(2)(i)(D) as an Exception to Fair Opportunity for the project entitled, "SUPPORT FOR REVISION OF THE NY SHELLFISH PATHOGEN TOTAL MAXIMUM DAILY LOAD (TMDL) REPORTS".

The government requests you prepare a proposal (cost) for the task order and submit the proposal to Angela Lower at lower.angela@epa.gov by Tuesday, August 14, 2018 at Noon EST. Cost Proposals shall be provided in accordance with Contract Clause B-1 as supplemented by the attached cost proposal instructions. Proposals shall also include the required conflict of interest certification.

The following documents provided for this solicitation will become part of the Task Order Award:

- Performance Work Statement
- Task Order Clauses

Award of a Cost Plus Fixed Fee – Completion task order will result. The period of performance for this Task Order is one year, with an approximate start date of 09/01/2018.

Any questions should be directed to Angela Lower within five days of issuance of this Solicitation.

A handwritten signature in black ink that reads "Angela Lower".

Angela Lower
Contracting Officer

Cc:
Antony Tseng, Contracting Officer's Representative
Rosella O'Connor, Alternate Contracting Officer's Representative
Lisa Mitchell-Flinn, Contract Specialist

Attachments:
PWS
Task Order Clauses
Cost Proposal Instructions

PERFORMANCE WORK STATEMENT

TSAWP IDIQ MULTIPLE-AWARD CONTRACT SOLICITATION PR-R2-18-00465

SUPPORT FOR REVISION OF THE NY SHELLFISH PATHOGEN TOTAL MAXIMUM DAILY LOAD (TMDL) REPORTS

Task Order COR (TOCOR): Antony Tseng
Alternate Task Order COR: Rosella O'Connor

A. Background

EPA, Region 2 approved the following NYSDEC Total Maximum Daily Load (TMDL) documents for waterbodies impaired for pathogens on Long Island:

- Pathogen Total Maximum Daily Loads for Shellfish Waters in Oyster Bay Harbor and Mill Neck Creek, September 2003:
https://ofmpub.epa.gov/waters10/attains_impaired_waters.tmdl_docs?p_tmdl_id=9819
- Peconic Bay Pathogens TMDL, September 2006:
https://ofmpub.epa.gov/waters10/attains_impaired_waters.tmdl_docs?p_tmdl_id=31027
- Shellfish Pathogen TMDLs for 27 303(d) listed Waters, September 2007:
https://ofmpub.epa.gov/waters10/attains_impaired_waters.tmdl_docs?p_tmdl_id=33761

These TMDLs establish the maximum allowable load of pathogens to waters to meet water quality standards and include load allocations and corresponding pollutant load reductions to sources of pathogens (expressed both as a percent reduction and # billion Fecal Coliform/year) to achieve the maximum allowable load.

Once a TMDL is completed and approved by EPA, SPDES permits must include conditions necessary to implement a TMDL/wasteload allocation/load allocation (NYCRR 750-1.11). As such, NYSDEC's SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s) - Permit No. GP-0-15-003 includes a requirement that covered entities discharging pathogens to a water for which a TMDL for pathogens has been developed, modify their Stormwater Management Program (SWMP) to meet the additional requirements set forth in Part IX.C of the MS4 General Permit to address pathogens for the portion of their storm sewershed in a TMDL watersheds.

The best representations of Waters of US in New York State are the Water Index Number (WIN) which are segments mapped and documented in the New York Codes, Rules, and Regulations (NYCRR).

As per NYS 6 NYCRR 701.10, the best usages of saline surface Class SA waters are shellfishing for market purposes, primary and secondary contact recreation and fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The classification of individual bodies of surface water is in regulation 6 NYCRR Chapter X (Parts 800 - 941).

In New York, the Waterbody Inventory/Priority Waterbodies List (WI/PWL) is a compilation of water quality information for all individual waterbodies (lakes, rivers, streams, estuaries and coastlines) in the state. The WI/PWL includes waterbody Fact Sheets outlining the most recent assessment of use support, identification of water quality problems and sources, and summary of activities to restore and protect each individual waterbody. These PWLs typically make up New York's assessment units for determination whether a waterbody is or is not on the 303(d) list.

The NYSDEC is charged with monitoring water quality in all bivalve shellfish growing areas (SGA), and determining whether the conditions are suitable to allow for public consumption of mollusks taken. The NYSDEC, utilizing National Shellfish Sanitation standards (NSSP) allow for the certification and designation of water bodies. The classifications are: Certified (open to harvesting year round); Seasonally Certified (usually open to harvesting during the winter months, independent of rainfall); Conditionally Certified (generally open for winter harvest dependent upon a "trigger amount" of rainfall within 24 hours); or Uncertified (closed year-round). Each of these classifications is based on water quality testing using the total coliform bacteriological standard, which is used as an indicator for the possible presence of pathogens in filter feeding bivalves. Since bivalve shellfish ingest suspended particles, high concentrations of coliform bacteria consolidate within the gut, making human consumption potentially hazardous. Some areas are administratively closed such as prohibited areas associated with Wastewater Treatment Plants, other point source outfall of public health significance, unpredictable pollution sources, contamination, sufficient biotoxin to cause a public health risk, or marinas. The restricted area classification is an option available to State shellfish control agencies to use instead of a prohibited classification. The establishment of a restricted area might be considered in instances where an area does not meet approved area criteria but is not grossly polluted or non-point pollution causes the water quality to fluctuate unpredictably or of sufficient frequency that a conditionally approved area is not feasible. NYSDEC online mapper can be found at:

<https://nysdec.maps.arcgis.com/apps/webappviewer/index.html?id=d98abc91849f4ccf8c38dbb70f8a0042>.

EPA is making available its project data at our Sharepoint site to the contractor at:

[LI Pathogen TMDLs](#)

B. Tasks

Please refer to Appendix A for the list of PWL waters that this scope applies to. Some of the waters are part, but not limited to, the approved TMDLs mentioned in the background.

Task 1: Modeling Quality Assurance Project Plan

The contractor shall submit a modeling QAPP as applicable to compile the data for a TMDL approach. The contractor shall submit for review and approval the QAPP to the Task Order Contracting Officer Representative (TOMTOCOR) and the EPA QA officer to be specified by the TOM. The QAPP shall conform to EPA G5/M (December 2002, EPA/240/R-02/007).

For the purposes of this Task Order, the contractor can expect to gather data from various sources and calculate in-situ concentrations of pathogens for current and NSSP water quality targets using the tidal prism model.

The contractor shall develop and institute internal management controls that ensure that, in the performance of this Task Order, the contractor will not provide personal services nor perform inherently governmental functions.

The contractor should anticipate in participating in project calls with the EPA and New York State Department of Environmental Conservation and will revise the QAPP as directed.

Task 2: Organization of GIS

New York State has various spatial layers to describe their surface waters. Of note, PWLs and SGAs are not mutually consistent. The contractor shall catalog the PWL and SGA layers to produce a crosswalk of SGAs with PWLs and note the differences. SGAs should include approved, conditionally approved, conditionally restricted, or restricted growing areas and be described as such. Any conditional areas should include the time frames that such areas are closed. Shellfish lands that are uncertified (see <https://www.dec.ny.gov/outdoor/103483.html>), closures, and prohibited areas should also be identified and included in the comparison to the PWL areas.

In tandem with Task 3 of this Task Order, the contractor shall create clearly delineated tables with data points and data values for each shellfish land or PWL, whichever is smaller in a co-located geographic area.

Task 3: WQX Data Upload

The contractor will be given data by EPA from NYSDEC's Division of Marine Resources. The contractor will format the data from NYSDEC's Division of Marine Resources for upload into WQX. The contract will use NYSDEC's WQX ORG ID for this formatting. The Contractor ~~shall will~~ preserve significant figures and other data qualities during this formatting. Most importantly, the Division of Marine Resources has two main sampling schemes that need to be preserved during the formatting: Statistical Random Sampling (SRS); and Adverse Pollution Condition (APC). If the Contractor cannot submit the formatted data for upload into WQX directly, the Contractor will provide the formatted data for upload into WQX to the TOCOR.

Task 4: Data User Interface

The contractor shall also be provided in-situ pathogen data from other sources such as the Beach Program, Nassau County, and Suffolk County, if available. Some municipalities in the areas of study may also have in-situ pathogen data.

The contractor will download EPA's Water Quality Portal Data Discovery Tool from <https://www.epa.gov/waterdata/water-quality-portal-data-discovery-tool>. The contractor will also download the latest FDA Guide for the Control of Molluscan Shellfish from <https://www.fda.gov/Food/GuidanceRegulation/FederalStateFoodPrograms/ucm2006754.htm>.

The contractor ~~will~~shall modify this EPA tool to a user interface to make the data more usable for classifications of growing areas as per this FDA guide¹. This user interface must:

- be able to download data from WQX of parameters of interest to the National Shellfish Sanitation Program (NSSP)
- be able to import data from user-inputted sources.
- allow the user to include/exclude data sources, include/exclude sampling schemes, and calculate median and 90th percentile concentrations based on NYSDEC-specified time periods: annual; summer; winter; SGA closed periods.
- display the user options chosen, the number of points, station names, and sampling schemes included in these calculations.
- provide the user with a list of values and stations that exceed the NSSP median and 90th percentile targets.
- Query the online rainfall information at the time the sample was collected from the list of stations that exceed the 90th percentile target. In order to query the rainfall information, a list of weather stations will be provided to the user to choose from with their distances to the sampling station.
- Generate rainfall statistics to allow the user to associate in-situ water concentrations of pathogens with storm water spikes.

The contractor shall also develop an output from this user interface for purposes of running the tidal prism model (see Task 6) or producing summary reports that can be used in Word. The contractor shall also develop a user manual that describes the user interface's requirements, capabilities and instructions on use. All user interface codes will be delivered to the TOCOR as part of Task 7.

Task 5: Contributions from watersheds

The contractor shall perform three literature searches:

- How to delineation of watersheds in areas similar to the waters in Appendix A: As part of the literature search, the contractor will highlight delineation in areas with relatively flat elevation increases.
- Modeling of pathogen fate and transport in groundwater: Groundwater discharges from POTW's are not subject to secondary treatment requirements of 40 CFR Part 133, but are subject to the requirements of NYCRR Part 703 (Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations) except as noted in NYCRR Part 702.21. TOGS 1.1.2 provides a listing of effluent limitations for substances having an ambient water quality standard or guidance value.
- Water quality response to pathogen pollutant loads for fecal coliform: As part of the literature search, the contractor will highlight
 - o how DNA source identification can be used to quantify pathogen loads;
 - o fecal coliform die-off rates in areas similar to the waters in Appendix A; and
 - o relationships (i.e. ratios/dilutions) between in-situ water quality concentrations of pathogens with land-based pollutant loads (see also recommendations requested at the end of Task 6).

¹ See Section II. Model Ordinance - Chapter IV. Shellstock Growing Areas (pages 40-49) and Section IV. Guidance Documents - Chapter II. Growing Areas (Pages 204-207).

The contractor shall delineate drainage areas for each SGA for 20 PWLs based on elevation and physical features through technical direction of the TOCOR. NHD catchments and existing watershed boundaries (i.e. Peconic Estuary watershed, if applicable) shall also be considered and provided by the TOCOR.

The contractor shall provide the delineated drainage areas as a shapefile to EPA, discuss the rationale of the drainage area delineations by each PWL, and report on the comparison to catchments/boundaries (if provided).

Task 6: Tidal Prism Modeling

For this task, the contractor ~~will~~shall develop their own values for the all variables needed in Tidal Prism modeling, such as quantities, volumes, etc.

The contractor shall develop an output from the user interface in Task 4 to calculate a baseline using a Tidal Prism Model.

For the purposes of this task, the tidal prism model will be calculated for each SGA or PWL, whichever is geographically smaller and each calculation shall be group by PWL. The contractor shall use the tidal prism model to establish the baseline of the current water quality of each SGA by each PWL.

The tidal prism model will also be used to determine the load capacity of each SGA by each PWL that will meet the median and 90th percentile NSSP targets. These tidal prism calculations shall be placed on a spreadsheet and values for each tidal prism variable will be clearly listed. Cells with die-off rates will be emphasized for future adjustments. The crosswalk developed in Task 2 of this Task Order should be used to identify the geographic location of each of the tidal prism model calculations.

EPA notes that there may not be sufficient data from Task 4 to generate concentrations to use the tidal prism model in some SGAs. The contractor ~~will~~shall still use the tidal prism model for each SGA by each PWL with whatever the user chooses for that SGA and if no data is chosen by the user (i.e. no data available), the other variables needed in the Tidal Prism modeling will still have values developed by the contractor and the concentrations will default to zero.

The contractor shall also provide a report by PWL that documents the values used for each of the tidal prism model calculations and where the values came from/how the values were obtained.

The contractor shall also make recommendations on addressing data gaps and waterbody/watershed model combinations with advantages and disadvantages.

Task 7: Technology Transfer

The contractor shall deliver all project files to EPA at the end of this Task Order. This includes any programming codes, macros, GIS files, Word documents, and data.

C. Schedule of Benchmarks & Deliverables

All deliverables developed at any time in this work must be provided to the TOCOR in electronic formats that can be supported (i.e. PDF) and can be edited (i.e. Word, Excel) by EPA. All electronic deliverables must also be in a format that can be supported by EPA after the end of the Reports must be of high quality and 508 complaint: Work must reflect a high level of technical proficiency and be clearly explained and documented. The contractor shall include a certification of 508 compliance with each final electronic deliverable (see Section G).

Base Year:

Task No.	Deliverable	Schedule
1	1.1 Draft QAPP	Submission of Draft QAPP for review and approval within <u>30</u> calendar days of award.
	1.2 Final QAPP	Submission of Final QAPP with contractor signatures that incorporates EPA QA Officer comments with <u>14</u> calendar days of receipt of EPA QA Officer's comments.
2	2.1 SGA and PWL comparison	Report and GIS of the comparison within 30 calendar days of the receipt of the data from the EPA COR.
	2.2: SGA and PWL tables with data points and data values.	Report within 30 calendar days of the receipt of the data from the EPA COR.
3	3.1 WQX Upload	WQX formatted file within 30 days of the receipt of data from the EPA COR.
4	4.1: Draft user interface	Draft user interface and report on the description the data sources collected and user guide within <u>60</u> calendar days of the receipt of data.
	4.2: Final user interface	Final user interface and report within <u>30</u> calendar days of receipt of comments which incorporate comments.
5	5.1 Three literature searches	Draft literature searches within <u>90</u> calendar days of award.
	5.2: Draft delineation of watersheds and comparisons	Draft delineation watersheds, descriptions, and comparisons grouped by PWL within <u>30</u> calendar days of the receipt of data.
	5.3 Final delineation of watersheds and comparisons	Final delineation watersheds, descriptions, and comparisons grouped by PWL within <u>30</u> calendar days of receipt of comments which incorporate comments.
6	6.1 Draft Tidal Prism modeling	Draft tidal prism modeling and reports grouped by PWL within <u>30</u> calendar days of the receipt of data.
	6.2 Final Tidal Prism modeling	Final tidal prism modeling and reports grouped by PWL within <u>30</u> calendar days of receipt of comments.

Task No.	Deliverable	Schedule
7	Technology Transfer	Project files 30 calendar days before the end of the Task Order.

D. Validation of Section 508 Compliance of Task Order Deliverables

The Contractor shall support the TOCOR in conducting a “Final Deliverable Validation” to ensure compliance with Section 508 and the Federal Acquisition Regulations (FAR) related to “electronic and information technology (EIT) deliverables”. The Contractor shall furnish certification, in writing, to the TOCOR that the Contractor has complied with EPAAR Clause 1552.211-79 “Compliance with EPA Policies for Information Resources Management”, including the requirement that all electronic and information technology (EIT) deliverables be Section 508 compliant in accordance with the policies referenced at <http://www.epa.gov/accessibility/>.

E. Notification of Completion of Task Order Deliverables

In the event the Task Order reaches thirty (30) days prior to the end of the Period of Performance in a given period, and the contractor assesses that the contractor will not be able to satisfactorily complete any of the benchmarks, milestones, or deliverables by the end of the Performance Period, the contractor shall notify the TOCOR and the Contracting Officer (CO) immediately, in writing. Within five (5) business days of said notification, the TOCOR, in coordination with the CO, will provide technical direction concerning use of the remaining funding to prepare and furnish to the TOCOR: draft deliverables, interim work products, and any necessary working files in an electronic format which is supported by EPA.

F. Contractor Identification

Contractor personnel shall always identify themselves as Contractor employees by name and organization and physically display that information through an identification badge. Contractor personnel are prohibited from acting as the Agency’s official representative.

The Contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the TOCOR.

G. Conference/Meeting Support Guidance

The contractor shall immediately notify the EPA Contracting Officer, PO and TOCOR of any anticipated event involving support for a meeting, conference, workshop, symposium, retreat, seminar or training that may potentially incur \$20,000 or more in cost during performance. Conference expenses are all direct and indirect costs paid by the government and include any associated authorized travel and per diem expenses, room charges for official business, audiovisual

use, light refreshments, registration fees, ground transportation and other expenses as defined by the Federal Travel Regulations. All outlays for conference preparation should be included, but the federal employee time for conference preparation should not be included. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

H. Quality Assurance Surveillance Plan: Per contract requirements.

APPENDIX A

Waters that are part of this Task Order:

<u>WIN</u>	<u>NAME</u>	<u>PWL</u>	<u>COUNTY</u>
(MW0.0) AO (portion 1)	Atlantic Ocean Coastline	1701-0014	Queens
(MW1.2) RB (portion 1)	Raritan Bay, Class SA	1701-0002	Richmond
(MW3.1) LIS (portion 1b)	New Rochelle Harbor	1702-0259	Westchester
(MW3.1) LIS (portion 2)	Long Island Sound, Westchester Co Waters	1702-0001	Westchester
(MW4.1) LIS (portion 3)	Long Island Sound, Nassau County Waters	1702-0028	Nassau
(MW4.2b) LIS-MB (portion 1)	Manhasset Bay, and tidal tribs	1702-0021	Nassau
(MW4.3a) LIS-HH	Hempstead Harbor, north, and tidal tribs	1702-0022	Nassau
(MW4.3b) LIS-41-P145	Dosoris Pond	1702-0024	Nassau
(MW4.4a) LIS-OBH	Oyster Bay Harbor	1702-0016	Nassau
(MW4.4a) LIS-OBH-MNC	Mill Neck Creek and tidal tribs	1702-0151	Nassau
(MW4.4b) LIS-CSH	Cold Spring Harbor, and tidal tribs	1702-0018	Nassau
(MW5.2a) LIS-HB-HH	Huntington Harbor	1702-0228	Suffolk
(MW5.2a) LIS-HB-NB-CH	Centerport Harbor	1702-0229	Suffolk
(MW5.2a) LIS-HB-NB-NH	Northport Harbor	1702-0230	Suffolk
(MW5.4a) LIS-SB-SBH	Stony Br. Harbor and W. Meadow Cr.	1702-0047	Suffolk
(MW5.4b) LIS-P339	Flax Pond	1702-0240	Suffolk
(MW5.4c) LIS-PJH (portion 1)	Port Jefferson Harbor, North, and tribs	1702-0015	Suffolk
(MW5.4c) LIS-PJH-CB	Conscience Bay and tidal tribs	1702-0091	Suffolk
(MW5.4c) LIS-PJH-SH	Setauket Harbor	1702-0242	Suffolk
(MW5.4d) LIS- MSH	Mt Sinai Harbor and tidal tribs	1702-0019	Suffolk
(MW5.4e) LIS- 71	Mattituck Inlet/Cr, Low, and tidal tribs	1702-0020	Suffolk
(MW5.4e) LIS- 72	Goldsmith Inlet	1702-0026	Suffolk
(MW5.4g) LIS-FI-P1101,P1102	Beach/Island Ponds, Fishers Island	1701-0283	Suffolk
(MW5.4g) LIS-FI-WH	West Harbor, Fishers Island	1702-0046	Suffolk
(MW6.1a) GB-P397	Spring Pond	1701-0230	Suffolk
(MW6.1b) GB-SIS- 77-P400	Gull Pond	1701-0231	Suffolk
(MW6.1b) GB-SIS- 78	Stirling Creek and Basin	1701-0049	Suffolk
(MW6.1b) GB-SIS- 80c-P418a	Budds Pond	1701-0234	Suffolk
(MW6.1b) GB-SIS- 83a,83b	Town/Jockey Creeks and tidal tribs	1701-0235	Suffolk
(MW6.1b) GB-SIS- 84-P423	Goose Creek	1701-0236	Suffolk
(MW6.1b) GB-SIS(-DH)	Dering Harbor	1701-0050	Suffolk

<u>WIN</u>	<u>NAME</u>	<u>PWL</u>	<u>COUNTY</u>
(MW6.1b) GB-SIS-P420	Hashamomuck Pond	1701-0162	Suffolk
(MW6.1c) GB..LPB- 90	Richmond Creek and tidal tribs	1701-0245	Suffolk
(MW6.1c) GB..LPB-CH-93, P420	Mud/East Creeks and tribs	1701-0377	Suffolk
(MW6.1c) GB..LPB-CH-94	Wickham Creek and tribs	1701-0378	Suffolk
(MW6.1d) GB..GPB- 97 thru 104	Tidal Tribs to Gr Peconic Bay, Northshr	1701-0247	Suffolk
(MW6.1d) GB..LPB-CH-96	West Creek and tidal tribs	1701-0246	Suffolk
(MW6.1e) FB	Flanders Bay, East/Center, and tribs	1701-0030	Suffolk
(MW6.3a) GB..FB-RB	Reeves Bay and tidal tribs	1701-0272	Suffolk
(MW6.3b) GB..GPB-122a-P651	Little Sebonac Creek	1701-0253	Suffolk
(MW6.3b) GB..GPB-122a-P652	Scallop Pond	1701-0354	Suffolk
(MW6.3b) GB..GPB-122-P648	Sebonac Cr/Bullhead Bay and tidal tribs	1701-0051	Suffolk
(MW6.3c) GB..LPB-123-P659	North Sea Harbor and tribs	1701-0037	Suffolk
(MW6.3c) GB..LPB-124-P665	Wooley Pond	1701-0048	Suffolk
(MW6.3d) GB-SIS-126	Noyack Creek and tidal tribs	1701-0237	Suffolk
(MW6.3e) GB-SIS-SHB,SHC	Sag Harbor and Sag Harbor Cove	1701-0035	Suffolk
(MW6.3f) GB-AH	Acabonack Harbor	1701-0047	Suffolk
(MW6.3f) GB-SIS-NH-136	Northwest Creek and tidal tribs	1701-0046	Suffolk
(MW6.3g) BIS..P764	Oyster Pond/Lake Munchogue	1701-0169	Suffolk
(MW6.3g) GB-140/P729	Hog Creek and tidal tribs	1701-0277	Suffolk
(MW6.3h) BIS..P761	Lake Montauk	1701-0031	Suffolk
(MW6.3i) AO-SB-155	Phillips Creek, Lower, and tidal tribs	1701-0299	Suffolk
(MW6.3i) AO-SB-QgC	Quogue Canal	1701-0301	Suffolk
(MW7.1a) AO-P780	Georgica Pond	1701-0145	Suffolk
(MW7.1a) AO-P786	Sagaponack Pond	1701-0146	Suffolk
(MW7.1b) AO-P790	Mecox Bay and tribs	1701-0034	Suffolk
(MW7.1b) AO-SB-143,144	Heady and Taylor Creeks and tribs	1701-0294	Suffolk
(MW7.1b) AO-SB-148 thru 150	Penny Pond, Wells and Smith Creeks	1701-0298	Suffolk
(MW7.1b) AO-SB-153	Weesuck Creek and tidal tribs	1701-0111	Suffolk
(MW7.1b) AO-SB-156	Penniman Creek and tidal tribs	1701-0300	Suffolk
(MW7.1b) AO-SB-QgC-P834	Ogden Pond	1701-0302	Suffolk
(MW7.1c) AO-QB	Quantuck Bay	1701-0042	Suffolk
(MW7.1c) AO-SB-QB-QtC	Quantuck Canal/Moneybogue Bay	1701-0371	Suffolk

<u>WIN</u>	<u>NAME</u>	<u>PWL</u>	<u>COUNTY</u>
(MW7.2a) AO-MB (portion 3)	Tuthill, Harts, Seatuck Coves	1701-0309	Suffolk
(MW7.2a) AO-MB (portion 4)	Forge River, Lower and Cove	1701-0316	Suffolk
(MW7.2b) AO-MB-NB	Narrow Bay	1701-0318	Suffolk
(MW7.3) AO-GSB (portion 4)	Bellport Bay	1701-0320	Suffolk
(MW7.3) AO-GSB (portion 5)	Patchogue Bay	1701-0326	Suffolk
(MW7.6) AO-GSB (portion 6)	Nicoll Bay	1701-0375	Suffolk
(MW7.8) AO-GSB (portion 7)	Great Cove	1701-0376	Suffolk
(MW8.1) SOB	South Oyster Bay	1701-0041	Nassau
(MW8.2) EB	East Bay	1701-0202	Nassau
(MW8.3) MDB (portion 1)	Middle Bay	1701-0208	Nassau
(MW8.3) MDB (portion 4)	Garret Lead/East Channel	1701-0386	Nassau
(MW8.3) MDB (portion 6)	Middle Bay, Eastern Channel	1701-0387	Nassau
(MW8.3) MDB-RC	Reynolds Channel, east	1701-0215	Nassau
(MW8.3a) MDB-228	Freeport Cr/East Meadow Br, Lower	1701-0388	Nassau
(MW8.4) HB (portion 1)	Hempstead Bay, Broad Channel	1701-0032	Nassau
(MW8.4) HB (portion 2)	Hewlett Bay	1701-0382	Nassau
(MW8.4) HB (portion 3)	Browswere Bay	1701-0383	Nassau
(MW8.4) HB-ERI	East Rockaway Inlet	1701-0217	Nassau
(MW8.4a) HB-236	Woodmere Channel	1701-0219	Nassau
(MW8.4a) HB-237, 237a	Bannister Creek/Bay	1701-0380	Nassau

LOCAL CLAUSES EPA-B-16-102 ESTIMATED COST AND FIXED FEE

- (a) The estimated cost of this contract is **TBD**
- (b) The fixed fee **TBD**
- (c) The total estimated cost and fixed fee is **TBD**

LOCAL CLAUSE EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Task Order Contracting Officers Representatives (CORs)/Project Officers for this contract are as follows:

Task Order COR (TOCOR): Antony Tseng, tseng.antony@epa.gov PH 212-637-3777

Alternate Task Order COR (Alt TOCOR): Rosella O'Connor oconnor.rosella@epa.gov PH 212-637-3823

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer

Angela Lower, US EPA. Cincinnati Procurement Operations Division, 26 W MLK Dr MS W136A, Cincinnati, Ohio 45268 lower.angela@epa.gov

Contracts Specialist

Lisa Mitchell-Flinn, US EPA. Cincinnati Procurement Operations Division, 26 W MLK Dr MS W136A, Cincinnati, Ohio 45268 lower.angela@epa.gov

COST PROPOSAL INSTRUCTIONS
TASK ORDER SOLICITATION PR-R2-18-00465

The following paragraphs supplement the instructions set forth in the contract clause B-1 "Ordering Procedures". These instructions apply to the prime contractor as well as subcontractors and consultants. It is the prime contractor's responsibility to ensure that all instructions are disseminated to subcontractors and consultants.

Cadmus Group shall submit a summary page for the base and any optional periods. The summary sheet shall be supplemented as necessary to provide thoroughness and clarity in the data presented. Pricing detail shall be included by task for the base and any optional periods. The cost breakdown supporting the above documents shall breakout the following elements: Direct Labor, including direct labor rate and hours for each proposed individual, Fringe Benefits, Overhead, ODC, Travel, Consultants, Subcontractors, Total Subcontract, Subtotal, G&A, Total Cost, Fee, Total Cost Plus Fee. This cost detail shall be broken out for the base and any optional periods, at the task level. A copy of the cost proposal shall be included in the submission in MS Excel. This copy shall include formulas used to arrive at the CPFF for the base and any optional periods and aggregate totals for the base and any optional periods for each element.

When subcontract effort is included in the cost proposal, the prime contractor shall submit charts for each period and for the aggregate (all years, all hours) which clearly indicate the exact allocation of the specified level of effort among the prime contractor and the proposed subcontractors. Specified labor categories as well as job titles within the labor categories should be identified. Subcontractor detail may be provided by the subcontractor directly to the EPA.

If a proposed subcontractor does not have an approved accounting system (one that is considered adequate for use on Government cost-type contracts), the Contracting Officer's consent for a cost type (CPFF, etc.) subcontract will not be granted.

In the cost proposal, the contractor must certify that all proposed personnel (including proposed subcontractor personnel or consultants) for the Professional Level identified by the contractor meet the qualifications specified in the TSAWP IDIQ Contract Attachment 3, "Definition of Labor Classifications."